

Title (en)
FLAKE-FORM CONDUCTIVE FILLER

Title (de)
LEITFÄHIGER FÜLLSTOFF IN FLOCKENFORM

Title (fr)
CHARGE CONDUCTRICE SOUS FORME DE FLOCON

Publication
EP 2806429 A1 20141126 (EN)

Application
EP 13738932 A 20130110

Priority
• JP 2012010091 A 20120120
• JP 2013050270 W 20130110

Abstract (en)
The present invention provides a flake-form conductive filler which is easy and low-cost to produce and has a high conductivity. The flake-form conductive filler of the present invention includes a flake-form base material and a silver coating covering the entire surface of the flake-form base material. The flake-form base material contains copper. The flake-form conductive filler has a ratio a/b between a peak intensity "a" derived from a silver (111) plane and a peak intensity "b" derived from a silver (220) plane at 2 or less in the powder X-ray diffraction measurement.

IPC 8 full level
H01B 5/00 (2006.01); **B22F 1/068** (2022.01); **B22F 1/17** (2022.01); **H01B 1/00** (2006.01); **H01B 1/22** (2006.01); **H01B 13/00** (2006.01); **B22F 9/04** (2006.01)

CPC (source: EP US)
B02C 17/00 (2013.01 - US); **B02C 23/06** (2013.01 - US); **B22F 1/068** (2022.01 - EP US); **B22F 1/17** (2022.01 - EP US); **C23C 18/42** (2013.01 - US); **H01B 1/02** (2013.01 - US); **H01B 1/026** (2013.01 - EP US); **H01B 1/22** (2013.01 - EP US); **H01B 13/0006** (2013.01 - US); **H01B 13/0026** (2013.01 - US); **B22F 2998/10** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2806429 A1 20141126; **EP 2806429 A4 20160210**; **EP 2806429 B1 20200520**; CN 104054138 A 20140917; CN 104054138 B 20160106; JP 2013149527 A 20130801; JP 5563607 B2 20140730; KR 101492784 B1 20150212; KR 20140094032 A 20140729; TW 201340127 A 20131001; TW I530967 B 20160421; US 2014339479 A1 20141120; WO 2013108701 A1 20130725

DOCDB simple family (application)
EP 13738932 A 20130110; CN 201380005434 A 20130110; JP 2012010091 A 20120120; JP 2013050270 W 20130110; KR 20147018577 A 20130110; TW 102101862 A 20130117; US 201314370390 A 20130110